

## **NIDCD Administrative Supplements for Inclusion of Stem Cell Biology Research**

The National Institute on Deafness and Other Communication Disorders (NIDCD) announces the availability of a limited number of administrative supplements to NIDCD currently funded research projects (R01) and P series (P01 and P50) grants in the areas of hearing, balance/vestibular, smell, taste, voice, speech, and language. The purpose of the supplement is to facilitate inclusion of stem cell biology research into currently funded studies in these diverse and complex systems. This supplement results from recommendations of an NIDCD-sponsored auditory workshop ([http://www.nidcd.nih.gov/news/ru/01/aug\\_01.htm](http://www.nidcd.nih.gov/news/ru/01/aug_01.htm)). The intent is to encourage currently funded NIDCD investigators in developmental, cellular, and molecular studies to include stem cell biology research, human and non-human, into their programs. Activities supported under this supplement may include the generation of pilot data for future research, as well training experiences. This supplement is part of the NIDCD's continuing effort to support fundamental biological research within the mission areas of NIDCD.

The proposed work in the supplement **MUST** be within the original framework of the parent grant. Prior to submission, applicants are strongly encouraged to discuss the scientific justification and specific aims for supplement requests with their NIDCD program official. Examples of proposed supplement research endeavors may include, but are not limited to, the following:

1. Characterization of cell specific markers using either nucleic or protein level assays.
2. Cellular based behavioral and morphological studies characterized within the scope of currently proposed assays.
3. Investigation of enhanced methodologies and protocols for growth conditions and possible induction assay conditions.
4. Instruction/training in stem cell biology, including extended laboratory experiences with stem cell culture and/or course instruction.

The NIDCD will consider requests of one supplement application per principal investigator, regardless of how many NIDCD funded grants are currently held. Principal investigators of P01/P50 subprojects are also eligible to apply. The NIDCD will support up to \$30,000 DIRECT costs for a one-year period to extend current studies to include stem cell biology research. Supplements are not renewable, and the costs of any consortiums and/or subcontracts must be included in the total \$30,000 direct costs. Supplements will be prorated according to the grant budget cycle. The NIDCD will make up to 10 awards in Fiscal Year 2002, based on availability of funds. Only investigators with a parent grant funded through December 1, 2003, are eligible to apply.

The supplemental application MUST include the following:

1. A cover letter signed by the principal investigator, appropriate institutional official, and business office acknowledging review and approval of the supplement application for stem cell research. This letter is required and should be addressed to:

Nancy L. Freeman, Ph.D.  
Scientific Program Director  
National Institutes of Health  
National Institute on Deafness and Other Communication Disorders  
Executive Plaza South-400C  
6120 Executive Blvd. MSC-7180  
Bethesda, MD 20892-7180

For electronic submissions, an email including the electronic application sent through the appropriate offices, forwarded and acknowledged by the appropriate officials and sent to: [scsupps@nidcd.nih.gov](mailto:scsupps@nidcd.nih.gov).

2. A completed face page, including appropriate signatures, from Grant Application Form PHS 398 (<http://grants2.nih.gov/grants/funding/phs398/phs398.html>). Include the title and grant number of the parent grant on line 1 and enter "Stem Cell Biology Administrative Supplement" on line 2. For electronic submissions, same as above.
3. A description (maximum 5 pages) prepared by the principal investigator of the parent grant that includes:
  - Brief summary of abstract and specific aims of parent grant.
  - Detailed description of proposed stem cell experimental inclusion and relatedness to parent grant, including methodology and resources available. The proposed research must be related to the specific aims of the parent grant.
  - Inclusion of any pre-existing intellectual property rights issues associated with cell lines, molecular reagents (both biological and chemical in origin), and potential generated experimental results.
  - If available, inclusion of pilot data to determine the relatedness and appropriateness of stem cell biology research to the specific aims of the parent grant.
4. An itemized proposed budget entered on the budget pages from Grant Application Form PHS 398. If the initial budget period requested is less than 12 months, the budget must be prorated accordingly. The supplement budget must be concurrent with the parent grant funding cycle. Support for training will be limited to individuals with terminal Ph.D. and/or M.D. degrees who are currently supported by the parent grant.
5. Should the proposed research require animal involvement different from that of the parent grant, pending or approved documentation by Institutional Animal Care and Use Committee (IACUC) must be provided prior to award. Applications involving

human subject research must provide Institutional Review Board (IRB) approval prior to award (<http://ohsr.od.nih.gov/info/>).

6. A letter indicating approval and commitment of resources and effort of the proposed activity from institution/company acknowledging training or collaborative research projects must be provided.
7. Proposed usage of human embryonic stem cells (hESC) must indicate the official identifier(s) for the appropriate hESC line(s) as found in the NIH Registry (<http://escr.nih.gov/>). Confirmation letters ensuring permission and use of the cells from the provider are required. Applications not including this information will be returned without further consideration. Answers to frequently asked questions about hESC may be found at [http://grants2.nih.gov/grants/stem\\_cell\\_faqs.htm](http://grants2.nih.gov/grants/stem_cell_faqs.htm).
8. There will be a post-award requirement of a one-page summary of results generated by the supplement to be included with the next submitted progress report.

Electronic submissions of applications are encouraged. Applications submitted electronically should be emailed as attachments to [scsupps@nidcd.nih.gov](mailto:scsupps@nidcd.nih.gov). Attached documents should use Microsoft Word and/or Adobe Acrobat PDF file format. Applicants are encouraged to verify receipt of their electronic submissions by email or phone. Submission of applications by postal mail will also be accepted; DO NOT submit the supplement application to the NIH Center for Scientific Review (CSR). The request for the administrative supplement must be postmarked or electronically received by June 20, 2002. Postal submissions should include the original application and two copies, postmarked by June 20, 2002, and sent to:

Nancy L. Freeman, Ph.D.  
National Institute on Deafness and Other Communication Disorders  
Scientific Programs Branch  
EPS-Room 400C  
6120 Executive Blvd. MSC 7180  
Bethesda, MD 20892-7180  
Rockville, MD 20852 (if by Express mail or FedEx)

Applicants are encouraged to contact their appropriate program official with any questions. The requests for supplements will be reviewed administratively for eligibility, scientific significance, and relevance to Institute program priorities. Applicants will be notified of an award decision by August 15, 2002. The earliest possible start date is September 2002. The NIDCD encourages eligible grantees to take advantage of this opportunity.

**Please contact for scientific issues:**

**NIDCD Scientific Program Branch**

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**Please contact for fiscal matters:**

**NIDCD Grants Management Branch**

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